



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 11901456  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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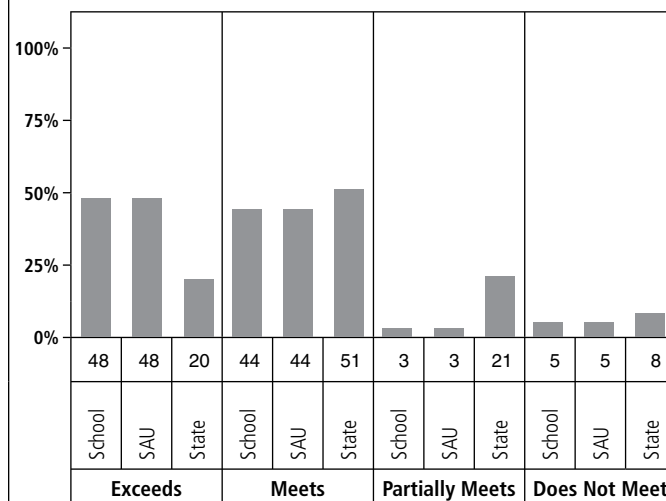
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

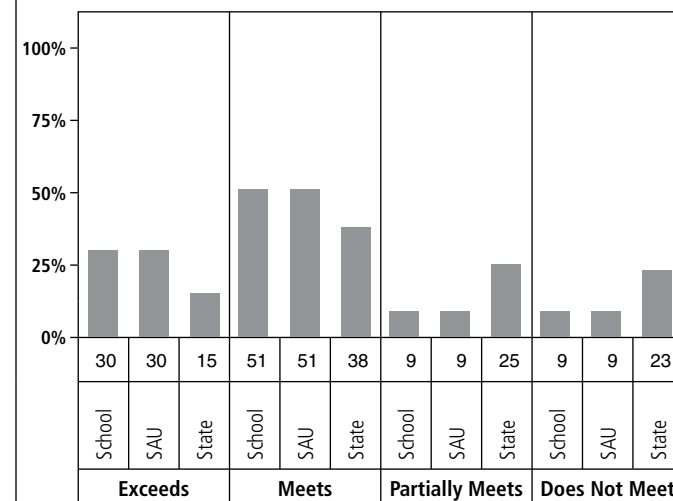
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	857	857	847
2007–2008	858	858	849
<b>2008–2009</b>	<b>859</b>	<b>859</b>	<b>850</b>
Cum. Avg.*	858	858	849
<b>Mathematics</b>			
2006–2007	854	854	842
2007–2008	850	850	841
<b>2008–2009</b>	<b>853</b>	<b>853</b>	<b>843</b>
Cum. Avg.*	852	852	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>852</b>	<b>852</b>	<b>846</b>

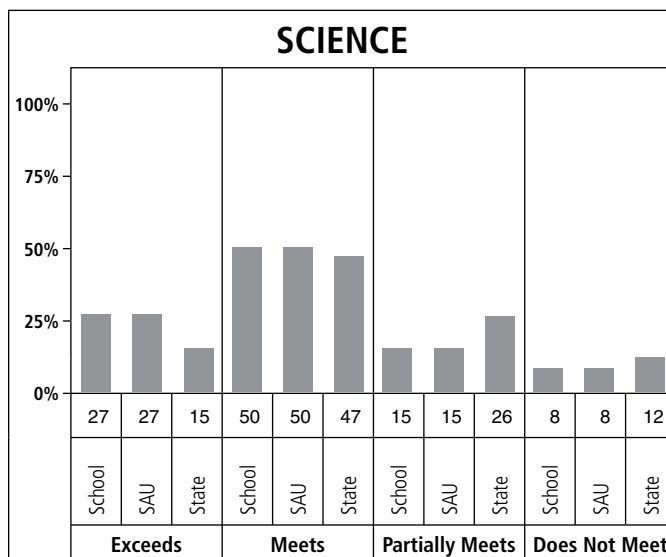
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
<b>Total number of students</b>	119	100	119	100	14804	100	119	100	119	100	14659	99	119	100	119	100	14653	99	119	100	119	100	14626	99
<b>Ethnicity</b> African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	1	100	1	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	4	3	4	3	192	1	4	100	4	100	188	98	4	100	4	100	191	100	4	100	4	100	190	99
Caucasian/White	113	95	113	95	13878	94	113	100	113	100	13756	99	113	100	113	100	13742	99	113	100	113	100	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	10	8	10	8	2489	17	10	100	10	100	2434	99	10	100	10	100	2424	98	10	100	10	100	2418	98
<b>Current LEP</b>	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
<b>Economically disadvantaged</b>	6	5	6	5	5460	37	6	100	6	100	5380	99	6	100	6	100	5377	99	6	100	6	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
<b>Participation without accommodations</b>	107	90	107	90	12132	82	107	90	107	90	12124	82	107	90	107	90	12169	82
Identified disability (PET/IEP)	1	1	1	1	379	3	1	1	1	1	380	3	1	1	1	1	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	12	10	12	10	2349	16	12	10	12	10	2347	16	12	10	12	10	2288	15
Identified disability (PET/IEP)	9	75	9	75	1877	80	9	75	9	75	1862	79	9	75	9	75	1824	80
LEP	1	8	1	8	158	7	1	8	1	8	167	7	1	8	1	8	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	2	17	2	17	292	12	2	17	2	17	297	13	2	17	2	17	280	12
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	0	0	0	0	113	1	0	0	0	0	117	1	0	0	0	0	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	45	39	45	39	2407	16
	2007-2008	43	45	43	45	3428	23
	<b>2008-2009</b>	<b>57</b>	<b>48</b>	<b>57</b>	<b>48</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	145	44	145	44	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	55	48	55	48	7494	49
	2007-2008	39	41	39	41	7179	48
	<b>2008-2009</b>	<b>52</b>	<b>44</b>	<b>52</b>	<b>44</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	146	44	146	44	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	11	10	11	10	3628	24
	2007-2008	10	11	10	11	2706	18
	<b>2008-2009</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	25	8	25	8	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	4	3	4	3	1810	12
	2007-2008	3	3	3	3	1611	11
	<b>2008-2009</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	13	4	13	4	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	41.8	74.6	41.8	74.6	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	14.8	74.0	14.8	74.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	26.9	74.7	26.9	74.7	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Yarmouth Schools  
 School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	4										4						186	17	48	23	12	847
Caucasian/White	113	57	50	49	43	4	4	3	3	861	113	50	43	4	3	861	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	10	0	0	5	50	2	20	3	30	839	10	0	50	20	30	839	2256	2	25	40	34	834
No	109	57	52	47	43	2	2	3	3	861	109	52	43	2	3	861	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	1										1						324	5	34	36	26	838
No	118	57	48	52	44	4	3	5	4	860	118	48	44	3	4	860	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	6	1	17	4	67	1	17	0	0	853	6	17	67	17	0	853	5277	10	46	29	15	844
No	113	56	50	48	42	3	3	6	5	860	113	50	42	3	5	860	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	14476	20	51	21	8	850
<b>Gender</b>																						
Female	56	36	64	20	36	0	0	0	0	865	56	64	36	0	0	865	7074	25	51	18	6	852
Male	63	21	33	32	51	4	6	6	10	854	63	33	51	6	10	854	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	9	43	35	14	843
No	119	57	48	52	44	4	3	6	5	859	119	48	44	3	5	859	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	9	8	89	1	11	0	0	0	0	872	9	89	11	0	0	872	700	69	30	1	0	867
No	110	49	45	51	46	4	4	6	5	858	110	45	46	4	5	858	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	8	8	39	29	24	841
B. less than one hour	22	12	46	10	38	2	8	2	8	859	22	46	38	8	8	859	51	17	53	22	8	849
C. one to two hours	61	30	42	37	52	1	1	3	4	859	61	42	52	1	4	859	36	24	52	18	5	852
D. more than two hours	16	15	79	4	21	0	0	0	0	866	16	79	21	0	0	866	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	38	27	60	18	40	0	0	0	0	865	38	60	40	0	0	865	31	35	50	11	4	856
B. good	50	29	49	25	42	2	3	3	5	859	50	49	42	3	5	859	47	16	55	21	7	849
C. fair	10	1	8	8	67	1	8	2	17	849	10	8	67	8	17	849	18	5	47	33	15	842
D. poor	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	50	34	59	23	40	0	0	1	2	863	50	59	40	0	2	863	32	27	54	14	5	853
B. They match some of what I have learned.	38	21	48	19	43	3	7	1	2	860	38	48	43	7	2	860	52	18	53	22	8	850
C. They match just a little of what I have learned.	11	2	15	9	69	0	0	2	15	853	11	15	69	0	15	853	12	11	45	29	15	844
D. There is no match.	2	0	0	1	50	0	0	1	50	838	2	0	50	0	50	838	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	14	5	31	9	56	1	6	1	6	857	14	31	56	6	6	857	15	13	42	28	17	844
B. about the same as my regular schoolwork	57	35	53	27	41	1	2	3	5	861	57	53	41	2	5	861	64	19	53	20	7	850
C. easier than my regular schoolwork	29	16	48	15	45	1	3	1	3	860	29	48	45	3	3	860	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	5	2	33	1	17	1	17	2	33	845	5	33	17	17	33	845	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	38	17	40	24	56	0	0	2	5	860	38	40	56	0	5	860	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	57	36	55	26	40	2	3	1	2	862	57	55	40	3	2	862	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	20	13	57	8	35	0	0	2	9	860	20	57	35	0	9	860	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	64	37	50	32	43	2	3	3	4	861	64	50	43	3	4	861	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	16	7	39	10	56	1	6	0	0	859	16	39	56	6	0	859	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	10	6	50	6	50	0	0	0	0	864	10	50	50	0	0	864	19	26	53	15	6	853
B. 20 minutes to an hour	71	43	52	36	43	1	1	3	4	861	71	52	43	1	4	861	40	25	52	17	6	852
C. less than 20 minutes	12	6	43	5	36	2	14	1	7	857	12	43	36	14	7	857	15	18	51	21	10	849
D. I rarely read at home.	7	2	25	5	63	0	0	1	13	852	7	25	63	0	13	852	26	7	50	30	13	844
How do you feel about the following statement?																						
“My knowledge of reading will be useful to me as an adult.”																						
A. strongly agree	62	42	58	28	38	1	1	2	3	863	62	58	38	1	3	863	42	27	51	15	6	853
B. agree	32	15	41	17	46	2	5	3	8	856	32	41	46	5	8	856	50	15	53	23	9	848
C. disagree	5	0	0	6	100	0	0	0	0	855	5	0	100	0	0	855	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	860	1	0	100	0	0	860	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										0											
B.	60	1	33	2	67	0	0	0	0	863	60	33	67	0	0	863						
C.	0										0											
D.	40	1	50	1	50	0	0	0	0	858	40	50	50	0	0	858						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	36	32	36	32	1952	13
	2007-2008	19	20	19	20	1657	11
	<b>2008-2009</b>	<b>36</b>	<b>30</b>	<b>36</b>	<b>30</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	91	28	91	28	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	54	47	54	47	5870	38
	2007-2008	53	56	53	56	5956	40
	<b>2008-2009</b>	<b>61</b>	<b>51</b>	<b>61</b>	<b>51</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	168	51	168	51	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	19	17	19	17	3982	26
	2007-2008	14	15	14	15	3729	25
	<b>2008-2009</b>	<b>11</b>	<b>9</b>	<b>11</b>	<b>9</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	44	13	44	13	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	5	4	5	4	3534	23
	2007-2008	9	9	9	9	3579	24
	<b>2008-2009</b>	<b>11</b>	<b>9</b>	<b>11</b>	<b>9</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	25	8	25	8	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	35.5	63.4	35.5	63.4	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	4.8	60.0	4.8	60.0	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	10.5	65.6	10.5	65.6	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	7.4	61.7	7.4	61.7	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	12.8	64.0	12.8	64.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Yarmouth Schools  
 School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	4										4						190	8	31	26	34	836
Caucasian/White	113	35	31	59	52	11	10	8	7	854	113	31	52	10	7	854	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	10	1	10	1	10	1	10	7	70	822	10	10	10	10	70	822	2242	2	12	22	63	824
No	109	35	32	60	55	10	9	4	4	856	109	32	55	9	4	856	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	1										1						336	6	18	26	51	829
No	118	36	31	61	52	11	9	10	8	854	118	31	52	9	8	854	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	6	0	0	4	67	1	17	1	17	844	6	0	67	17	17	844	5270	6	30	28	36	835
No	113	36	32	57	50	10	9	10	9	854	113	32	50	9	9	854	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	14466	15	38	25	23	843
<b>Gender</b>																						
Female	56	18	32	31	55	5	9	2	4	856	56	32	55	9	4	856	7070	15	39	25	22	843
Male	63	18	29	30	48	6	10	9	14	851	63	29	48	10	14	851	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	119	36	30	61	51	11	9	11	9	853	119	30	51	9	9	853	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	9	6	67	3	33	0	0	0	0	866	9	67	33	0	0	866	700	68	27	3	1	866
No	110	30	27	58	53	11	10	11	10	852	110	27	53	10	10	852	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
<b>How much homework do you do on school nights?</b> A. none B. less than one hour C. one to two hours D. more than two hours	1 22 61 16	0 7 24 5	0 27 34 26	1 13 35 12	100 50 49 63	0 2 7 2	0 8 10 11	0 4 5 0	0 15 7 0	854 851 855 855	1 22 61 16	0 27 34 26	100 50 49 63	0 8 10 11	0 15 7 0	854 851 855 855	8 51 36 5	8 12 19 19	24 38 40 36	24 26 23 22	44 23 19 23	833 842 845 844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b> A. very good B. good C. fair D. poor	35 47 14 4	25 7 1 1	63 13 6 25	14 33 11 2	35 61 69 50	0 7 3 1	0 13 19 25	1 7 1 0	3 13 6 0	863 849 846 850	35 47 14 4	63 13 6 25	35 61 69 50	0 13 19 25	3 13 6 0	863 849 846 850	28 45 21 5	33 11 3 2	41 43 27 14	15 25 35 30	11 21 35 54	852 842 834 828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b> A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	27 57 13 3	8 24 4 0	25 36 27 0	21 33 5 2	66 49 33 67	2 7 1 1	6 10 7 33	1 3 5 0	3 4 33 0	856 856 844 846	27 57 13 3	25 36 27 0	66 49 33 67	6 10 7 33	3 4 33 0	856 856 844 846	28 52 16 4	23 13 8 5	41 40 28 15	21 25 30 22	15 21 34 58	848 843 836 826
<b>How difficult was the mathematics part of this test?</b> A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	20 55 25	9 16 11	39 25 39	11 34 14	48 54 50	1 8 2	4 13 7	2 5 1	9 8 4	855 852 858	20 55 25	39 25 39	48 54 50	4 13 7	9 8 4	855 852 858	32 52 16	6 13 39	34 41 35	29 25 13	32 20 13	837 843 853
<b>How hard did you try on the mathematics part of this test?</b> A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	23 63 14	8 23 4	31 32 25	14 38 8	54 52 50	1 7 3	4 10 19	3 5 1	12 7 6	854 854 852	23 63 14	31 32 25	54 52 50	4 10 19	12 7 6	854 854 852	42 52 7	12 17 12	38 39 27	26 23 27	25 20 35	841 845 837
<b>How often do you use calculators in mathematics class?</b> A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	72 23 4 1	26 9 1 0	31 33 20 0	43 13 4 1	51 48 80 100	8 3 0 0	10 11 0 0	7 2 0 0	8 7 0 0	854 853 856 854	72 23 4 1	31 33 20 0	51 48 80 100	10 11 0 0	8 7 0 0	854 853 856 854	34 35 18 13	18 14 12 9	40 38 37 32	22 26 27 25	20 21 24 34	845 843 841 837
<b>How often do you use laptops in mathematics class?</b> A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	31 46 20 3	13 18 4 1	36 33 17 25	19 27 14 1	53 50 61 25	3 6 2 0	8 11 9 0	1 3 3 2	3 6 13 50	858 855 850 834	31 46 20 3	36 33 17 25	53 50 61 25	8 11 9 0	3 6 13 50	858 855 850 834	9 17 28 46	13 11 15 16	38 37 40 36	23 26 25 24	26 26 20 23	841 841 844 843
<b>How do you feel about the following statement?</b> "My knowledge of mathematics will be useful to me as an adult." A. strongly agree B. agree C. disagree D. strongly disagree	65 29 4 2	28 8 0 0	37 24 0 0	40 17 2 2	53 50 40 100	6 3 2 0	8 9 40 0	2 6 1 0	3 18 20 0	858 848 842 848	65 29 4 2	37 24 0 0	53 50 40 100	8 9 40 0	3 18 20 0	858 848 842 848	52 39 6 3	19 11 7 4	41 35 28 25	22 27 26 28	18 27 39 43	846 840 835 832
<b>Optional school/SAU question</b> A. B. C. D.	0 60 0 40	 1  1	 33  50	 2  1	 67  50	 0  0	 0  0	 0  0	 0  0	 857  866	 60 0 40	 33  50	 67  50	 0  0	 0  0	 857  866	    	    	    	    	    	    

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	32	27	32	27	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	60	50	60	50	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	18	15	18	15	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	9	8	9	8	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	35.9	64.1	35.9	64.1	32.0	57.1
<b>D. The Physical Setting</b>	31	55	18.8	60.6	18.8	60.6	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	10.6	62.4	10.6	62.4	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.2	58.6	8.2	58.6	7.7	55.0
<b>E. The Living Environment</b>	25	45	17.1	68.4	17.1	68.4	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Yarmouth Schools  
 School: Frank H Harrison Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	1										1						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	4										4						184	9	45	29	16	842
Caucasian/White	113	32	28	58	51	18	16	5	4	853	113	28	51	16	4	853	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	10	0	0	4	40	1	10	5	50	832	10	0	40	10	50	832	2221	3	22	36	38	832
No	109	32	29	56	51	17	16	4	4	854	109	29	51	16	4	854	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	1										1						331	4	20	39	37	832
No	118	32	27	60	51	18	15	8	7	852	118	27	51	15	7	852	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	6	1	17	2	33	2	33	1	17	845	6	17	33	33	17	845	5184	6	40	33	21	840
No	113	31	27	58	51	16	14	8	7	852	113	27	51	14	7	852	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	14258	15	47	26	12	846
<b>Gender</b>																						
Female	56	15	27	31	55	8	14	2	4	854	56	27	55	14	4	854	6953	14	47	28	11	846
Male	63	17	27	29	46	10	16	7	11	850	63	27	46	16	11	850	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	119	32	27	60	50	18	15	9	8	852	119	27	50	15	8	852	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	9	6	67	3	33	0	0	0	0	867	9	67	33	0	0	867	699	65	34	2	0	865
No	110	26	24	57	52	18	16	9	8	851	110	24	52	16	8	851	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Yarmouth Schools  
School: Frank H Harrison Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	1	0	0	1	100	0	0	0	0	844	1	0	100	0	0	844	8	8	34	28	30	837
B. less than one hour	22	9	35	10	38	4	15	3	12	853	22	35	38	15	12	853	51	14	48	27	11	846
C. one to two hours	61	20	28	37	52	10	14	4	6	852	61	28	52	14	6	852	36	19	48	24	9	848
D. more than two hours	16	3	16	12	63	4	21	0	0	854	16	16	63	21	0	854	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	24	16	57	8	29	3	11	1	4	861	24	57	29	11	4	861	23	27	47	17	8	851
B. good	53	11	18	40	65	7	11	4	6	851	53	18	65	11	6	851	53	15	50	26	10	847
C. fair	21	4	17	11	46	8	33	1	4	848	21	17	46	33	4	848	20	4	43	35	18	840
D. poor	3	1	33	1	33	0	0	1	33	843	3	33	33	0	33	843	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	11	6	46	6	46	0	0	1	8	859	11	46	46	0	8	859	26	20	49	23	9	849
B. They match some of what I have learned.	62	18	25	39	53	12	16	4	5	852	62	25	53	16	5	852	51	14	48	26	11	846
C. They match just a little of what I have learned.	24	8	29	13	46	5	18	2	7	852	24	29	46	18	7	852	18	13	44	28	15	844
D. There is no match.	3	0	0	2	67	1	33	0	0	845	3	0	67	33	0	845	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	39	12	27	24	53	8	18	1	2	855	39	27	53	18	2	855	32	13	45	28	14	844
B. about the same as my regular schoolwork	49	16	28	30	53	8	14	3	5	852	49	28	53	14	5	852	56	15	49	25	11	847
C. easier than my regular schoolwork	12	4	29	5	36	2	14	3	21	847	12	29	36	14	21	847	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	25	11	38	12	41	3	10	3	10	853	25	38	41	10	10	853	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	59	18	26	38	56	8	12	4	6	853	59	26	56	12	6	853	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	16	3	16	9	47	7	37	0	0	849	16	16	47	37	0	849	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	22	6	24	11	44	5	20	3	12	851	22	24	44	20	12	851	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	21	7	29	11	46	4	17	2	8	851	21	29	46	17	8	851	23	17	49	22	12	847
C. the course(s) described in B, plus physics	24	12	43	13	46	3	11	0	0	859	24	43	46	11	0	859	21	31	44	17	7	852
D. a life science and physical science class	34	7	18	25	64	5	13	2	5	851	34	18	64	13	5	851	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	31	11	31	19	53	4	11	2	6	855	31	31	53	11	6	855	27	23	47	20	10	849
B. agree	26	14	47	9	30	4	13	3	10	855	26	47	30	13	10	855	37	14	47	27	12	846
C. disagree	28	5	15	22	67	5	15	1	3	851	28	15	67	15	3	851	25	11	48	29	12	845
D. strongly disagree	15	2	11	10	56	5	28	1	6	846	15	11	56	28	6	846	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	40	15	33	24	52	6	13	1	2	856	40	33	52	13	2	856	31	22	46	22	10	849
B. agree	46	13	25	27	51	8	15	5	9	850	46	25	51	15	9	850	50	14	49	26	11	846
C. disagree	14	4	25	7	44	4	25	1	6	850	14	25	44	25	6	850	14	9	45	31	15	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	60	1	33	1	33	1	33	0	0	849	60	33	33	33	0	849						
C.	0										0											
D.	40	1	50	1	50	0	0	0	0	859	40	50	50	0	0	859						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number